

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

97 Human Secreted Proteins

the specification of which [] is attached hereto or was filed on September 10, 2001 as Application Serial No. 09/948,783 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>Priority Claimed</u>
			<u>Yes</u> <u>No</u>

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Full name of first joint inventor:

Steven M. Ruben

Inventor's signature:



Date: 2/27/02

Residence: 18528 Heritage Hills Drive, Olney, MD 20832

Citizenship: US

Post Office Address:

same as above

Full name of additional joint inventor:

Kimberly A. Florence

Inventor's signature:



Date: 2/25/02

Residence: 12805 Atlantic Avenue, Rockville, MD 20851

Citizenship: US

Post Office Address:

same as above

Full name of additional joint inventor:

Jian Ni

Inventor's signature:



Date: 2/27/02

Residence: 17815 Fair Lady Way, Germantown, MD 20874

Citizenship: CN

Post Office Address:

same as above

Full name of additional joint inventor:

Craig A. Rosen

Inventor's signature:



Date: 2/29/02

Residence: 22400 Rolling Hill Road, Laytonsville, MD 20882

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Full name of additional joint inventor:

Kenneth C. Carter

Inventor's signature:

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Residence: 11600 Brandy Hall Lane, North Potomac, MD 20878

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same as above

Full name of first joint inventor: Paul A. Moore

Inventor's signature: Paul Moore Date: 2/27/02
Residence: 19005 Leatherbark Drive, Germantown, MD 20874 Citizenship: UK
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Full name of additional joint inventor: Henrik S. Olsen

Inventor's signature: Henrik Olsen Date: 2/27/02
Residence: 182 Kendrick Place, #24, Gaithersburg, MD 20878 Citizenship: DK
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Full name of additional joint inventor: Yanggu Shi

Inventor's signature: Yanggu Shi Date: 2/27/02
Residence: 437 West Side Drive, Apt. 102, Gaithersburg, MD 20878 Citizenship: US
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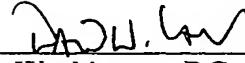
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Post Office Address: same as above

Full name of additional joint inventor: Charles E. Birse

Inventor's signature:  Date: 4/27/02
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97 Human Secreted Proteins

the specification of which [] is attached hereto or was filed on September 10, 2001 as Application Serial No. 09/948,783 and was amended on _____ (if applicable).

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<u>Priority Claimed</u>	<u>Yes</u>	<u>No</u>
(Number)	(Country)	(Day/Month/Year Filed)

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Steven M. Ruben

Inventor's signature:

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Date: _____
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same as above

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Full name of additional joint inventor: Laurie A. Brewer

Inventor's signature: Laurie A. Brewer Date: 2/26/02
Residence: 410 Van Dyke Street, Apt. 115, St. Paul, MN 55119 Citizenship: US
Post Office Address: same as above 211 LAB 2/26/02

Full name of additional joint inventor: Daniel R. Soppet

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Inventor's signature: Daniel R. Soppet Date: 2/22/05
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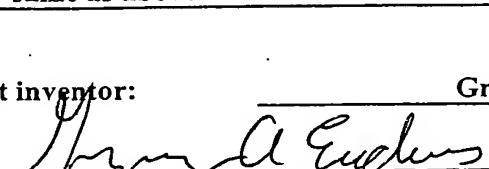
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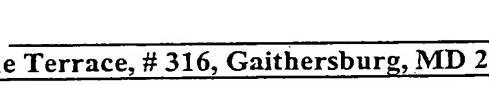
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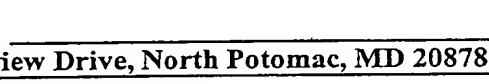
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Residence: 13822 Saddleview Drive, North Potomac, MD 20878 Citizenship: UK
Post Office Address: same as above

012780/0534 PAGE 2

ASSIGNOR:
SHI, YANGGU
DOC DATE: 02/27/2002

ASSIGNOR:
YOUNG, PAUL E.
DOC DATE: 02/26/2002

ASSIGNOR:
WEI, YING-FEI
DOC DATE: 02/28/2002

ASSIGNOR:
BREWER, LAURIE A.
DOC DATE: 02/26/2002

ASSIGNOR:
SOPPET, DANIEL R.
DOC DATE: 02/22/2002

ASSIGNOR:
LAFLEUR, DAVID W.
DOC DATE: 02/27/2002

ASSIGNOR:
ENDRESS, GREGORY A.
DOC DATE: 02/28/2002

ASSIGNOR:
EBNER, REINHARD
DOC DATE: 02/23/2002

ASSIGNOR:
BIRSE, CHARLES E.
DOC DATE: 02/24/2002

ASSIGNEE:
HUMAN GENOME SCIENCES, INC.
9410 KEY WEST AVENUE
ROCKVILLE, MARYLAND 20850

SERIAL NUMBER: 09948783
PATENT NUMBER:
FILING DATE: 09/10/2002
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-16-2002

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102056458

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Steven M. Ruben (February 27, 2002), Kimberly A. Florence (February 25, 2002), Jian Ni (February 27, 2002), Craig A. Rosen (February 20, 2002), Kenneth C. Carter (February 24, 2002).

Additional name(s) of conveying party(ies) attached?

Yes No

3. Nature of Conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: see Box 1, conveying parties

4.9.02

2. Name and address of receiving party(ies)

Name: Human Genome Sciences, Inc.

Internal Address: _____

Street Address:
9410 Key West Avenue

City: Rockville

State: MD Zip: 20850

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: _____

A. Patent Application No.(s):

09/948,783

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Janet M. Martineau
HUMAN GENOME SCIENCES, INC.

Street Address: 9410 Key West Avenue

City: Rockville

State: MD Zip: 20850

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

08-3425

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Janet M. Martineau - 46,903

Name of Person Signing

Signature

Janet M. Martineau

Date

Total number of pages including cover sheet, attachments, and documents: 18

04/15/2002 DBYRNE 00000150 083425 09948783

01 FC:581 40.00 CH

Serial No. 09/948,783

Page 1 of 2

Docket No.: PZ028P2

RECORDATION FORM COVER SHEET
(continued)

Additional Conveying Party(ies) (1. Continued):

Paul A. Moore (February 27, 2002), Henrik S. Olsen (February 27, 2002), Yanggu Shi (February 27, 2002), Paul E. Young (February 26, 2002), Ying-Fei Wei (February 28, 2002), Laurie A. Brewer (February 26, 2002), Daniel R. Soppet (February 22, 2002), David W. LaFleur (February 27, 2002), Gregory A. Endress (February 28, 2002), Reinhard Ebner (February 23, 2002), and Charles E. Birse (February 24, 2002)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:Additional Patent Numbers
4B. Continued:

Additional numbers attached?

 Yes No

ASSIGNMENT

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- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and examinations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

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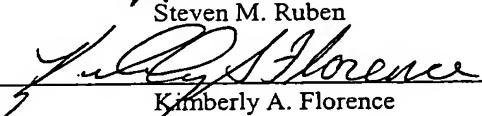
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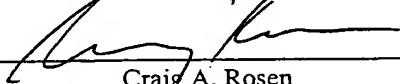
Each of the Practitioners at Customer Number 22195 is hereby granted with full power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

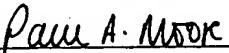
Inventor's Signature:  Date: 2/27/02
Steven M. Ruben

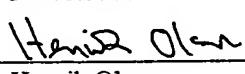
Inventor's Signature:  Date: 2/25/02
Kimberly A. Florence

Inventor's Signature:  Date: 2/27/02
Jian Ni

Inventor's Signature:  Date: 2/27/02
Craig A. Rosen

Inventor's Signature: _____ Date: _____
Kenneth C. Carter

Inventor's Signature:  Date: 2/27/02
Paul A. Moore

Inventor's Signature:  Date: 2/27/02
Henrik Olsen

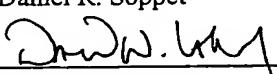
Inventor's Signature:  Date: 2/27/02
Yanggu Shi

Inventor's Signature: _____ Date: _____
Paul E. Young

Inventor's Signature: _____ Date: _____
Ying-Fei Wei

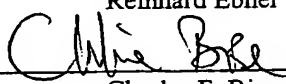
Inventor's Signature: _____ Date: _____
Laurie A. Brewer

Inventor's Signature: _____ Date: _____
Daniel R. Soppet

Inventor's Signature:  Date: 2/27/02
David W. LaFleur

Inventor's Signature: _____ Date: _____
Gregory A. Endress

Inventor's Signature: _____ Date: _____
Reinhard Ebner

Inventor's Signature:  Date: 2/27/02
Charles E. Birse

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- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and examinations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

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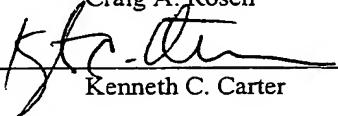
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Inventor's Signature: _____ Date: _____
Steven M. Ruben

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KCC - 
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David W. LaFleur

Inventor's Signature: _____ Date: _____
Gregory A. Endress

Inventor's Signature: _____ Date: _____
Reinhard Ebner

Inventor's Signature: _____ Date: _____
Charles E. Birse

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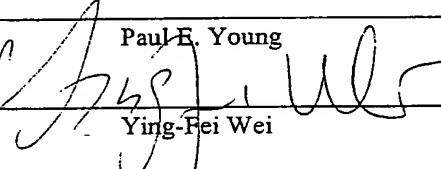
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- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and examinations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

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IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: _____ Date: _____
Steven M. Ruben

Inventor's Signature: _____ Date: _____
Kimberly A. Florence

Inventor's Signature: _____ Date: _____
Jian Ni

Inventor's Signature: _____ Date: _____
Craig A. Rosen

Inventor's Signature: _____ Date: _____
Kenneth C. Carter

Inventor's Signature: _____ Date: _____
Paul A. Moore

Inventor's Signature: _____ Date: _____
Henrik Olsen

Inventor's Signature: _____ Date: _____
Yanggu Shi

Inventor's Signature: _____ Date: _____
Paul E. Young

Inventor's Signature: _____ Date: _____
Ying-Fei Wei

Inventor's Signature: *Laurie A. Brewer* Date: 2/26/02
Laurie A. Brewer

Inventor's Signature: _____ Date: _____
Daniel R. Soppet

Inventor's Signature: _____ Date: _____
David W. LaFleur

Inventor's Signature: _____ Date: _____
Gregory A. Endress

Inventor's Signature: _____ Date: _____
Reinhard Ebner

Inventor's Signature: _____ Date: _____
Charles E. Birse

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Steven M. RUBEN, Kimberly A. FLORENCE, Jian NI, Craig A. ROSEN, Kenneth C. CARTER, Paul A. MOORE, Henrik OLSEN, Yanggu SHI, Paul E. YOUNG, Ying-Fei WEI, Laurie A. BREWER, Daniel R. SOPPET, David W. LAFLEUR, Gregory A. ENDRESS, Reinhard EBNER, and Charles E. BIRSE, hereby sells, assigns, transfers, and sets over to Human Genome Sciences, Inc. ("Assignee") having a place of business at 9410 Key West Avenue, Rockville, MD 20850, its successors, assigns and legal representatives, his/her entire right, title and interest, including the right to sue and collect for all past, present and future damages, for the United States of America, including all its territories and possessions, and all other countries,

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Ying-Fei Wei

Inventor's Signature: _____ Date: _____
Laurie A. Brewer

Inventor's Signature: Daniel R. Soppet Date: 2/22/02
Daniel R. Soppet

Inventor's Signature: _____ Date: _____
David W. LaFleur

Inventor's Signature: _____ Date: _____
Gregory A. Endress

Inventor's Signature: _____ Date: _____
Reinhard Ebner

Inventor's Signature: _____ Date: _____
Charles E. Birse

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Reinhard Ebner

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